

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 2002241915
PUBLICATION DATE : 28-08-02

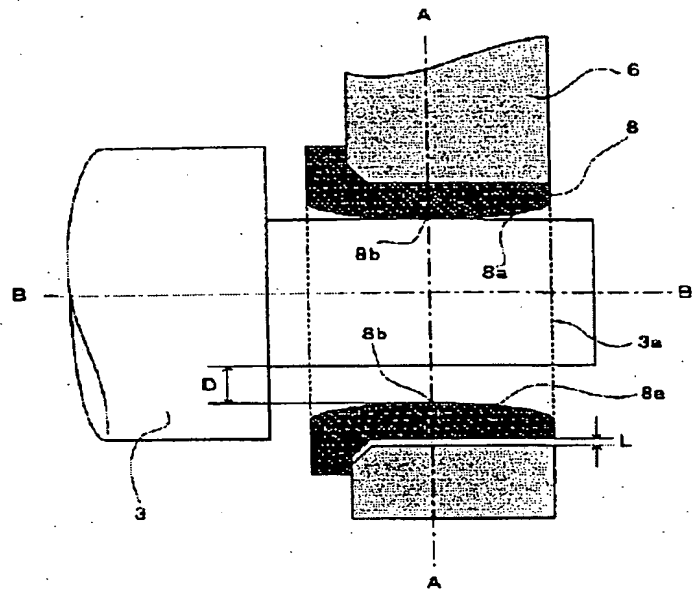
APPLICATION DATE : 20-02-01
APPLICATION NUMBER : 2001043713

APPLICANT : HITACHI METALS LTD;

INVENTOR : TAKASUGI TSUTOMU;

INT.CL. : C23C 2/00 C23C 2/40 F16C 13/02
F16C 17/02

TITLE : BEARING UNIT IN MOLTEN METAL BATH



ABSTRACT : PROBLEM TO BE SOLVED: To provide a bearing unit in a molten metal bath which has an extremely simple structure, which has a self-aligning function for returning the device immediately into normal rotation even if the rotation axis of the sink roll or the support roll rotates eccentrically, and which can follow, with a small sliding resistance in a sheet passing at a high speed.

SOLUTION: In a roll bearing unit immersed in the molten metal bath, the inner peripheral surface of the bearing which is in sliding contact with the roll shaft has a projected shape in the cross section including the roll shaft.

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